

Method of connecting the chassis and body of passenger cars and device for carrying out the method

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Abstract of DE3729084

In the case of a method and a device for connecting the chassis and body of passenger cars, the parts of the chassis are connected together on a preassembly line by means of a mounting frame (so-called holding frame) and fixed to one another so that the chassis already forms a preassembled constructional unit prior to its connection with the body. After the chassis and body have been bolted together, the mounting frame is released from the chassis and moved back into its initial position. The body, which has been suspended on a movable hanger, is moved into the assembly position above the holding frame carrying the preassembled chassis unit. The holding frame and body are then moved perpendicularly towards one another until the chassis unit has reached its installation position with respect to the body. The holding frame is then connected releasably to the hanger and a bolting frame with bolts, which can be operated by a motor, is moved in such a manner underneath the holding frame that the bolts are allocated to the particular connecting points of the chassis and body. Bolting of the chassis parts to the body then takes place. Finally the holding frame is released from the hanger, moved out of the region of the body and re-equipped with chassis parts. A method of this type and a corresponding device have the result that the ... by putting together of ... Original abstract incomplete.

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